Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notificatio	ns.	in Block I, by (a	i) specifying a new	correspondence addres	s; and/or (b) indicating a sep	Darate FEE ADDRESS" 101				
CURRENT CORRESPONDEN	CE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of	of mailing can only be used this certificate cannot be used	for domestic mailings of the				
_			OIPA	papers. Each addition	nal paper, such as an assignmente of mailing or transmission.	nent or formal drawing, mus				
	590 03/17/2005		01. 5	have its own certifica	ite of mailing or transmission.					
NIELDS & LEM		/	50	Co	ertificate of Mailing or Tran	ismission				
176 EAST MAIN	STREET, SUITE 7	(MA	\Y 0 2 2005 ^{°\$}	States Postal Service	with sufficient postage for fi	rst class mail in an envelope				
WESTBORO, MA 05/03/2005 EHAILE2 000	00059 09807319	PAT	را ۵ کے 2000 دی دی	addressed to the Material transmitted to the US	this Fee(s) Transmittal is being with sufficient postage for final Stop ISSUE FEE address PTO (703) 746-4000, on the	s above, or being facsimile date indicated below.				
1 FC:1501 1400.00 OP 2 FC:8001 30.00 OP		W.	MAY 0 2 2005		Kevin S. Lemack					
		RADEMA		/	(Signature)					
υ 					pril 29, 2005	(Date)				
APPLICATION NO.	FILING DATE		FIRST NAMED INV	ENTOR	CONFIRMATION NO.					
09/807,319	06/04/2001		Yoshiyuki Mun	eno .	441P066	5937				
TITLE OF INVENTION: E	EXPLOSIVE COMPOSITION	N FOR FIREWOR	KS AND METHO	FOR MANUFACTUR	RING THE SAME					
APPLN. TYPE	SMALL ENTITY	ISSUE F	FEE PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE				
nonprovisional	NO	\$1400		\$0	\$1400	06/17/2005				
EXAN	EXAMINER		ART UNIT C		7					
FELTON, All	3641		CLASS-SUBCLASS 149-019800	_						
					1:_4					
CFR 1.363).	e address or indication of "F	ee Address (37		n the patent front page,	, Niald	s & Lemack				
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,							
*i —			(2) the name of	a single firm (having as ey or agent) and the na	a member a 2 mes of up to					
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custor Number is required.			2 registered patent attorneys or agents. If no name is listed, no name will be printed.							
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (prin	t or type)						
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified ben 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear or I a substitute for fil	the patent. If an assiging an assignment.	gnee is identified below, the	document has been filed for				
(A) NAME OF ASSIGN	EE	(B) RESIDENCE: (C	ITY and STATE OR CO	DUNTRY)					
Nippon Kaya	aku Kabushiki K	aisha	Tokyo	, Japan						
Please check the appropriate	e assignee category or catego	ries (will not be nri	inted on the natent)	· 🗖 Individual 🖾 (Corporation or other private g	roun entity Government				
4a. The following fee(s) are			. Payment of Fee(s			, , , , , , , , , , , , , , , , , , ,				
Issue Fee			A check in the	amount of the fee(s) is e	enclosed.					
			Payment by cre	Payment by credit card. Form PTO-2038 is attached.						
Advance Order - # of Copies 10			The Director i	Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Account Number $14-0930$ (enclose an extra copy of this form).						
5. Change in Entity Status	(from status indicated above					oop, or and rolling.				
a. Applicant claims S	MALL ENTITY status. See	37 CFR 1.27.	☐ b. Applicant is	no longer claiming SMA	ALL ENTITY status. See 37 (CFR 1.27(g)(2).				
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu Publication Fee (if required) vords of the United States Pate	ue Fee and Publicat will not be accepted ent and Trademark	tion Fee (if any) or I from anyone other Office.	to re-apply any previous than the applicant; a re	sly paid issue fee to the applic gistered attorney or agent; or	ration identified above, the assignee or other party in				
Authorized Signature	KRO			Date Ap:	ril 29, 2005					
Typed or printed name	Kevin S. Le	mack		Registratio	22 570					

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Ti	MAY 0 2 2005 Paperwork Reduction Act of 189 PRANSMITTAL FORM or all correspondence after initia	l filing)	S are required to respond to a Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	June 4, 2 Yoshiyuk 3641 Felton, A	rrademan information information information information information information information information information information	
Total Number	of Pages in This Submission	5		441P066		
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement			Drawing(s) icensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocat Change of Correspondence Perminal Disclaimer Request for Refund ED, Number of CD(s) Landscape Table on C	Address	-Issu	After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Proprietary Information
Firm Name	SIGNA	TURE OF	F APPLICANT, ATTO	ORNEY, C	OR AGE	NT
Signature Printed name	Nields & Lemack Kevin S. Lemack					
Date April 29, 2005				Reg. No.	32,579	
			ATE OF TRANSMISS			
I hereby certify th sufficient postage the date shown b Signature	e as tirst class mail in an env	eing facsim /elope addr	ile transmitted to the USP1 essed to: Commissioner fo	TO or depos or Patents, F	ited with P.O. Box	the United States Postal Service with 1450, Alexandria, VA 22313-1450 on

Date Kevin S. Lemack April 29, 2005 Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BOX ISSUE FEE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshiyuki Muneno et al.

Serial No.: 09/807,319

Allowance Date: 3/17/05

Confirmation No: 5937

Group Art Unit: 3641

Examiner: Felton, Aileen Baker

Filed: June 4, 2001

Case No: 441P066

Customer No: 42754

For: EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD FOR

MANUFACTURING THE SAME

Mail Stop: Issue Fee Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

LETTER OF TRANSMITTAL

Please accept the attached Issue Fee Transmittal sheet PTOL-85B and a check in the amount of \$1,430.00 in payment of the issue fee and the advanced order fee for the above application.

Authorization is given to charge any deficiencies or credit any overpayment to Deposit Account No. 14-0930.

Please notify Applicant's attorney if any problems should arise.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 29, 2005.

Signature: Kevin S. Lemack
Date: April 29, 2005

Respectfully submitted.

Kevin S. Lemack Attorney for Applicants Registration No. 32,579 Nields & Lemack 176 E. Main Street Westboro, MA 01581

TEL: (508) 898-1818

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032 rademark Office: U.S. DEPARTMENT OF COMMERCE

e Under the agreew	ork Reduction Act of 199	5 no persons are required	to respond	asound to a collection of information unless it displays a valid OMR control number						
Effective on 12/08/2004.				Complete if Known						
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).				lication Numbe	r 09/8	07,319				
FEE TRANSMITTAL			Filin	g Date	June	4, 2001				
For FY 2005			First	Named Invent	or Yosh	<u>iyuki Mu</u>				
				miner Name	Not	yet assi				
Applicant claims small entity status. See 37 CFR 1.27				Unit	Not	yet assigned				
TOTAL AMOUNT	OF PAYMENT (Atto	rney Docket No	o. 441F	066					
METHOD OF PAYMENT (check all that apply)										
X Check	Credit Card	Money Order	None [Other (plea	se identify):					
X Check Credit Card Money Order Other (please identify): Deposit Account Deposit Account Number: 14-0930 Deposit Account Name: Nields & Lemack										
For the ab	ove-identified deposit	account, the Director is	hereby a							
_	arge fee(s) indicated b				ee(s) indicated b		for the fil	ling fee		
		e(s) or underpayments o	of fee(s)		y overpayments					
1 4	07 000 4 40	1.17 pecome public. Credit card					e credit car	rd		
information and au	thorization on PTO-203	8.	-							
FEE CALCULA	ATION									
1. BASIC FILIN	G, SEARCH, AND	EXAMINATION FEE	S	·						
	FILING	FEES SE <u>Small Entity</u>	ARCH F	EES E all Entity	XAMINATION Small					
Application T		Fee (\$) Fe		ee (\$)	Fee (\$) Fee		Fees Pai	<u>id (\$)</u>		
Utility	300	150 50	00 :	250	200 10	0 _				
Design	200	100 10	00	50	130 6	5 -				
Plant	200	100 30	00	150	160 8	0 -				
Reissue	300	150 50	00 :	250	600 30	0 –				
Provisional	200	100	0	0	0	0 -				
2. EXCESS CL	AIM FEES						<u>S</u> Fee (\$)	mall Entity Fee (\$)		
Fee Description	20 Car Dainean	s, each claim over 20	and mor	e than in the	original naten	ł	50	25		
Each claim over	t claim over 3 or	for Reissues, each inc	dina inoi depender	nt claim more	than in the or	iginal patent	t 200	100		
Multiple depend	lent claims	101 10100000, 00011 1111	P				360	180		
Total Claims	Extra Clair	<u>ns Fee (\$) F</u>	ee Paid ((<u>\$)</u> <u>1</u>	Multiple Depend		/#\			
- 20	or HP =ber of total claims paid for	x =		_	<u>Fee (\$)</u>	Fee Paid	<u>1∌1</u>			
Indep. Claims	ber of total claims paid in Extra Clair	ns <u>Fee (\$)</u> <u>F</u>	ee Paid (<u>\$)</u> .						
-3	or HP =	x _ = _								
HP = highest number of independent claims paid for, if greater than 3										
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity)										
for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.10(S).										
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (3) Fee Paid (3)										
- 100 = / 50 = (round up to a whole number) x =										
4. OTHER FEE(S) Fees Paid (\$)										
Non-English Specification, \$130 fee (no small entity discount) State of the small entity discount (1997) \$1430.00										
Other: Issue and Advanced order fee										
SUBMITTED BY										
Signature	110			stration No. 3	2,579	Telephone 5	<u>08–898</u>	3-1818		
N (Delet Time)	Kevir	S. Lemack				Date Apri	1 29.	2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS and Trademark Office, U.S. Department of Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kevin S. Lemack

Name (Print/Type)